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First Named Inventor : Roger L. Frick	Group Art Unit: Examiner:
Appln. No. : 10/822,425	
Filed : April 12, 2004	
Title : ELECTROMAGNETIC RESONANT SENSOR	
Docket No. : E252.12-0008	

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR PATENTS, ALEXANDRIA, VA 22313, THIS 2 DAY OF

June

, 2004.


PATENT ATTORNEY

Sir:

The enclosed PTO Form-1449 lists patents and publications submitted pursuant to 37 C.F.R. 1.97. Copies of the patents or publications are enclosed as necessary [if application filing date is after June 30, 2003, copies of U.S. patents and application publications are not required].

This application relies, under 35 U.S.C. 120, on the earlier filing date of prior Application No. , filed on . The following references, listed on the enclosed PTO Form 1449 were submitted to and/or cited by the Office in the prior application; therefore, under 37 C.F.R. 1.98(d), copies are not required to be provided herewith:

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the _ Patent Office in counterpart foreign Application No. _ filed _.

The following foreign language documents and English language documents are believed to be equivalent or substantially equivalent:

FOREIGN LANGUAGE

ENGLISH LANGUAGE

TIME OF FILING

The Information Disclosure Statement is being filed:

1. X with the application or within three months of the filing date of a national application (other than a continued prosecution application under 37 C.F.R. 1.53(d)) or date of entry into the national stage of an international application or, to the best of the undersigned's knowledge, before the mailing date of a first Office action on the merits or a first office action after the filing of a request for

continued examination under 37 C.F.R. 1.114, whichever event occurs last. In accordance with 37 C.F.R. 1.97(b), no certification or fee is required.

2. ☐ after the time period specified in paragraph 1 above, but, to the best of the undersigned's knowledge, before the mailing date of a final action under 37 C.F.R. 1.113 or notice of allowance under 37 C.F.R. 1.311, or an action that otherwise closes prosecution of the application. In accordance with 37 C.F.R. 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. 1.97(e), no fee is required.
B. ☐ the fee set forth in 37 C.F.R. 1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. 1.97(c).

3. ☐ after the mailing date of either a final action under 37 C.F.R. 1.113 or a Notice of Allowance under 37 C.F.R. 1.311, whichever occurs first, but on or before payment of the issue fee. Applicant petitions for consideration of this Information Disclosure Statement pursuant to 37 C.F.R. 1.97(d)(2). Applicant submits herewith:

- A. ☐ a statement as specified in 37 C.F.R. 1.97(e); and
B. ☐ the fee set forth in 37 C.F.R. 1.17(p).

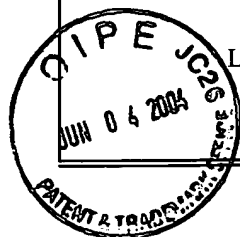
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FORM PTO-1449

Atty. Docket No.:
E252.12-0006Application No.:
10/822,425LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENTFirst Named Inventor:
Roger L. FrickFiling Date:
April 12, 2004

Group Art:

U.S. PATENT DOCUMENTS

Examiner Initials	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents
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AB	3,350,994	11-07-1967	D.J. De Michele
AC	3,756,081	09-04-1973	Young
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AT	4,955,028	09-04-1990	Alferness et al.

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	CG	Fuhr, "Measuring with Light; Part 1" <i>Sensors</i> (2000)
	CH	Fuhr, "Measuring with Light; Part 2" <i>Sensors</i> (2000)
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	CJ	"High-quality ring resonators," Zurich Research Laboratory
	CK	Jones, et al. "Near-diffraction-limited high power (1W) single longitudinal mode CW diode laser tunable from 960 to 980 nm," <i>Electronics Letters</i> 31(19):1668-1669 (1995)
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CX	"Resonant Structures and Devices Research," MIT Microphotonics Center
CY	Register, et al. "Experimental demonstration of suppression of low-frequency fluctuations and stabilization of an external-cavity laser diode," <i>Optics Letters</i> 25(11):808-810 (2000)
CZ	Schulz, et al. "Advanced fiber grating strain sensor systems for bridges, structures, and highways,"
DA	Schulz, et al. "Health monitoring of an adhesive joint using a multi-axis fiber grating strain sensor system"
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DD	"Systems & Sensors," Bell College of Technology
DE	Tabib-Azar, et al. "Fiber-optics MEMS pressure sensors based on evanescent field interaction," <i>SPIE</i> 3276:135-146
DF	Tabib-Azar, et al. "MOEM Pressure and Other Physical Sensors Using Photon Tunneling and Optical Evanescent Fields with Exponential Sensitivities and Excellent Stabilities," <i>Conf. On Microelectronic Structures and MEMS for Optical Processing</i> 3513:210-222 (1998)
DG	Talvitie, et al. "Improved frequency stability of an external cavity diode laser by eliminating temperature and pressure effects," <i>Applied Optics</i> 35(21):4166-4168 (1996)
DH	Technology Transfer, OPLL sensor eases strain monitoring, NASA news, July 2000, page 30

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	DI	Udem, et al. "Accurate measurement of large optical frequency differences with a mode-locked laser," <i>Optics Letters</i> 24(13):881-883 (1999)
	DJ	Vasil'ev, et al. "A Diode Laser with an External High-Q Microcavity" LEOS Summer Topical Meeting, pages 31-32 (1997)
	DK	Vassilovski, et al. "Carrier Transport Effects in Active and Passive Modelocking of Monolithic Quantum-Well Lasers at Millimeter-Wave Frequencies," <i>Photonics Tech. Letters</i> 8(12):1603-1605 (1996)
	DL	Weisbuch et al., "Advances in Photonic Crystals," <i>Phys. Stat. Sol.</i> 221:93-99 (2000)
	DM	Weiss, "Spectrum deftly takes visible light's pulse," <i>Science News</i> 157(23):358-359 (2000)
	DN	Xinqi, et al. "A Narrow Line Width Tunable Diode Laser System," <i>Chinese Journal of Lasers</i> , B7(3):217-221 (1998)

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